National Ambulatory Medical Care Survey (NAMCS) and National Hospital Ambulatory Medical Care Survey (NHAMCS) List of Publications (updated 6/21/2000)

The list includes summary reports produced within the National Center for Health Statistics as well as journal articles and books using NAMCS and NHAMCS data. Selections are listed by topic in chronological order, beginning with the most recent in each section. Summary reports are of two kinds: ADRs (Advance Data Reports) are short summaries, generally under 20 pages, while Series Reports present detailed descriptive statistics. Some overlap of topics will be apparent in certain articles. The NHAMCS was first conducted in 1992; publications summarizing these data can be found after the NAMCS listings.

NATIONAL AMBULATORY MEDICAL CARE SURVEY

1. NAMCS SUMMARY REPORTS

In progress, due 2000:

1998 NAMCS Summary [ADR No. 315]

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments:

United States, 1998 [Series 13, No. ???]

Ambulatory Care Visits to Physician Offices: NAMCS, 1975-96 [Series 13, No. ???]

Already published:

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments:

United States, 1997 [Series 13, No. 143]

1995-96 NAMCS Summary [Series 13, No. 142]

1997 NAMCS Summary [ADR No. 305]

1993 NAMCS Summary [Series 13, No. 136]

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments:

United States, 1996 [Series 13, No. 134]

1996 NAMCS Summary [ADR No. 295]

Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments:

United States, 1995 [Series 13, No. 129]

1995 NAMCS Summary [ADR No. 286]

1994 NAMCS Summary [ADR No. 273]

1993 NAMCS Summary [ADR No. 270]

1992 NAMCS Summary [ADR No. 253]

1991 NAMCS Summary [Series 13, No. 116]

1991 NAMCS Summary [ADR No. 230]

1990 NAMCS Summary [ADR No. 213]

1989 NAMCS Summary [Series 13, No. 110]

1989 NAMCS Summary [ADR No. 203]

NAMCS Trends, 1975-1981 and 1985 [Series 13, No. 93]

1985 NAMCS Summary [ADR No. 128]

1981 NAMCS Summary [ADR No. 88]

1980 NAMCS Summary [ADR No. 77]

NAMCS Complement Survey, 1980 [Series 13, No. 77]

1979 NAMCS Summary [Series 13, No. 66]

1979 NAMCS Summary [ADR No. 66]

1978 NAMCS Summary [ADR No. 60]

1977 NAMCS Summary [Series 13, No. 44]

1977 NAMCS Summary [ADR No. 48]

1976 NAMCS Summary [ADR No. 30]

1975 NAMCS Summary [Series 13, No. 33]

1975 NAMCS Summary [ADR No. 12]

1973 NAMCS Summary [Series 13, No. 21]

NAMCS: May 1973-April 1974 [Monthly Vital Statistics Report, Vol. 24, No. 4, Supplement (2), July 14, 1975]

2a. PHYSICIAN SPECIALTY, CHARACTERISTICS - NCHS REPORTS

Already published:

Office Visits to Orthopedic Surgeons: United States, 1995-96 [ADR No. 302]

Office Visits to Neurologists: 1991-92 [ADR No. 267]

Office Visits to Dermatologists: 1989-90 [ADR No. 240]

Office Visits to Psychiatrists: 1989-90 [ADR No. 237]

Office Visits to Urologists: 1989-90 [ADR No. 234]

Office Visits to General Surgeons: 1989-90 [ADR No. 228]

Office Visits to Cardiovascular Disease Specialists: 1989-90 [ADR No. 226]

Office Visits to Obstetricians and Gynecologists: 1989-90 [ADR No. 223]

Office Visits to Otolaryngologists: 1989-90 [ADR No. 222]

Office Visits to Internists: 1989 [ADR, No. 209]

Office Visits to Pediatric Specialists: 1989 [ADR No. 208]

Office Visits to Cardiovascular Disease Specialists: 1985 [ADR No. 171]

Practice Patterns of Ophthalmologists: 1985 [ADR No. 162]

Office Visits to Neurologists: 1985 [ADR No. 158]

Office Visits to Psychiatrists: 1985 [Series 13, No. 94]

Highlights of Osteopathic Office Practice, 1985 [ADR No. 138]

Office Visits to Orthopedic Surgeons: 1980-81 [ADR No. 117]

Patterns of Ambulatory Care in Internal Medicine: 1980-81 [Series 13, No. 80]

Patterns of Ambulatory Care in Visits to General Surgeons: 1980-81 [Series 13, No. 79]

Patterns of Ambulatory Care in Obstetrics and Gynecology: 1980-81 [Series 13, No. 76]

Patterns of Ambulatory Care in Pediatrics: 1980-81 [Series 13, No. 75]

Patterns of Ambulatory Care in General and Family Practice: 1980-81 [Series 13, No. 73]

Office Visits for Preventive Care: 1977-78 [ADR No. 69]

Characteristics of Visits to Female and Male Physicians: 1977 [Series 13, No. 49]

Office Visits to Cardiovascular Disease Specialists: 1975-76 [ADR No. 42]

Office Visits to Urologists: 1975-76 [ADR No. 39]

Office Visits to Internists: 1975 [Series 13, No. 36]

Office Visits to Psychiatrists: 1975-76 [ADR No. 38]

Office Visits to Dermatologists: 1975-76 [ADR No. 37]

Office Visits to Otolaryngologists: 1975-76 [ADR No. 36]

Office Visits to Orthopedic Surgeons: 1975-76 [ADR No. 33]

Office Visits to Doctors of Osteopathy: 1975 [ADR No. 25]

Office Visits to General Surgeons: 1975 [ADR No. 22]

Office Visits to Obstetricians and Gynecologists: 1975 [ADR No. 20]

Office Visits to Internists: 1975 [ADR, No. 16]

Office Visits to General and Family Practitioners: 1975 [ADR No. 15]

Ambulatory Medical Care Rendered in Pediatricians' Offices During 1975 [ADR No. 13] Office Visits to General and Family Physicians: 1974 [Monthly Vital Statistics Report, Vol 25, No. 2, Supplement (2), May 18, 1976]

Also:

The Treatment Practices of Black Physicians. Prepared by Koba Associates for U.S. Department of Health, Education, and Welfare, Public Health Service, Health Resources Administration, Office of Health Resources Opportunity. DHEW Publication No. (HRA) 80-628. April 1979.

2b. PHYSICIAN SPECIALTY, CHARACTERISTICS - JOURNAL ARTICLES USING NAMCS DATA

Paine LL, Johnson TR, Lang JM, Gagnon D, Declercq ER, DeJoseph J, Scupholme A, Strobino D, Ross A. A comparison of visits and practices of nurse-midwives and obstetrician-gynecologists in ambulatory care settings. *J Midwifery Womens Health* 2000 Jan-Feb;45(1):37-44.

Nutting PA, Baier M, Werner JJ, Cutter G, Reed FM, Orzano AJ. Practice patterns of family physicians in practice-based research networks: a report from ASPN (Ambulatory Sentinel Pratice Network). *J Am Board Fam Pract* 1999 Jul-Aug;12(4):278-84.

Thompson TT, Feldman SR, Fleischer AB Jr. Only 33% of visits for skin disease in the US in 1995 were to dermatologists: is decreasing the number of dermatologists the appropriate response? *Dermatol Online J* 1998 Oct;4(1):3

Jackson JL,. Strong J, Cheng EY, Meyer G. Patients, diagnoses, and procedures in a military internal medicine clinic: comparison with civilian practices. *Mil Med* 1999 Mar; 164(3): 194-7.

Ward MM. Provision of primary care by office-based rheumatologists: results from the National Ambulatory Medical Care Surveys, 1991-1995. *Arthritis Rheum* 1999 Mar; 42(3):409-414.

Moody NB, Smith PL, Glenn LL. Client characteristics and practice patterns of nurse practitioners and physicians. *Nurse Pract* 1999 Mar; 24(3): 94-6, 99-100, 102-3.

Olfson M, Marcus SC, Pincus HA. Trends in office-based psychiatric practice. *Am J Psychiatry* 1999 Mar;156(3):451-7.

Feldman SR, Fleischer AB Jr, Chen JG. The gatekeeper model is inefficient for the delivery of dermatologic services. *J Am Acad Dermatol* 1999 Mar;40(3):426-32.

Feldman SR, Fleischer AB Jr, Young AC, Williford PM. Time-efficiency of nondermatologists compared with dermatologists in the care of skin disease. *J Am Acad Dermatol* 1999 Feb;40(2 Pt 1):194-9.

Stafford RS et al. Trends in adult visits to primary care physicians in the United States. *Arch Fam Med.* 1999; 8:26-32.

Stafford RS, Blumenthal D. Specialty differences in cardiovascular disease prevention practices. *J Am Coll Cardio* 1998 Nov; 32(5):1238-43.

Jacobs J, Chapman EH, Crothers D. Patient characteristics and practice patterns of physicians using homeopathy. *Arch Fam Med* 1998 Nov-Dec;7(6):537-40.

Feldman SR, Peterson SR, Fleischer AB Jr. Dermatologists meet the primary care standard for first contact management of skin disease. *J Am Acad Dermatol* 1998 Aug;39(2 Pt 1):182-186.

Smith ES, Fleischer AB Jr., Feldman SR. Nondermatologists are more likely than dermatologists to prescribe antifungal/corticosteroid products: an analysis of office visits for cutaneous fungal infections, 1990-1994. *J Am Acad Dermatol* 1998 Jul; 39(1):43-47.

Feldman SR, Fleischer AB Jr., McConnell C. Most common dermatologic problems identified by internists, 1990-1994. *Arch Intern Med* 1998;158:726-730.

Fleischer AB, Jr., Feldman SR, McConnell C. The most common dermatologic problems identified by family physicians, 1990-1994. *Fam Med* 1997; 29(9):648-652.

Franks P, Clancy CM, Nutting PA. Defining primary care. Empirical analysis of the National Ambulatory Medical Care Survey. *Med Care* 1997 Jul;35(7):655-668.

Feldman SR et al. Increasing utilization of dermatologists by managed care: an analysis of the National Ambulatory Medical Care Survey, 1990-1994. *J Am Acad Dermatol* 1997;37:784-8.

Clancy CM, Franks P. Utilization of specialty and primary care: the impact of HMO insurance and patient-related factors. *J Fam Pract* Vol. 45, No. 6 (Dec), 1997. 500-508.

Prislin MD, Morohashi D, Jabola G. Practice-based preceptoral residency training in family practice. *Fam Med* 1996. Nov-Dec; 28(10)L 708-712.

Feldman SR, Williford PM, Fleischer AB, Jr. Lower utilization of dermatologists in managed care: despite growth in managed care, visits to dermatologists did not decrease: an analysis of National Ambulatory Medical Care Survey data, 1990-1992. *J Invest Dermatol* 1996 Dec; 107(6): 860-4.

Landry DJ, Forrest JD. Private physicians' provision of contraceptive services. *Fam Plann Perspect* 1996. Sept.-Oct; 28(5):203-9.

Stern RS. Managed care and the treatment of skin diseases: dermatologists do it less often. *Arch Dermatol* 1996 Sep; 132(9): 1039-1042.

Menken, Matthew. The ambulatory workload of office-based neurologists: implications of the National Ambulatory Medical Care Survey. *Arch Neurol* April, 1996. Volume 53: 379-381.

Rosenblatt RA, Hart LG, Gamliel S, Goldstein B, McClendon BJ. Identifying primary care disciplines by analyzing the diagnostic content of ambulatory care. *J Am Board Fam Pract* 1995 Jan-Feb; 8(1): 34-45.

Scheid D, Logue E, Gilchrist VJ, Gillanders WR, Miller RS et al. Do we practice what we preach? Comparing the patients of faculty and residents. *Fam Med* 1995;27:519-524.

Papdakis MA, Kagawa MK. Categorical medicine residents' experiential curriculum. *Am J Med* 1995 Jan; 98(1): 7-12.

Chiang Y-P, Wang F, Javitt JC. Office visits to ophthalmologists and other physicians for eye care among the U.S. population, 1990. *Public Health Rep* March-April 1995, Vol. 110, No. 2, 147-153.

Leader S, Perales PJ. Provision of primary preventive health care services by obstetrician-gynecologists. *Obstet Gynecol* 1995; 85:391-5.

Krowchuk DP, Bradham DD, Fleisher AB Jr. Dermatologic services provided to children and adolescents by primary care and other physicians in the United States. *Pediatr Dermatol* 1994 Sep; 11(3) 199-203.

Blount BW, Hart G, Ehreth JL. A comparison of the content of Army family practice with nonfederal family practice. *J Am Board Fam Pract* 1994; 7:395-402.

Sastry SM, Chiang YP, Javitt JC. Practice patterns of the office-based ophthalmologist. *Ophthalmic Surg* 1994 Feb; 25(2): 76-81.

Rivo ML, Saultz JW, Wartman SA, DeWitt TG. Defining the generalist physician's training. *JAMA* 1994 May 18; 271(10): 1499-504.

Fleischer AB Jr., Feldman SR, Bradham DD. Office-based physician services provided by dermatologists in the United States in 1990. *J Invest Dermatol* 1994 Jan; 102 (1):93-7.

Wartman SA, Modena W, Kahn N. The generalist health care workforce: issues and goals. *J Gen Intern Med* 1994;9, Supplement 1 (April):S7-S13.

Unger, WJ. Implications of healthcare reform for cardiologists. *Journal of Invasive Cardiology* Vol. 6, No. 2, March 1994. 36-40.

Gilchrist V, Miller RS, Gillanders WR, Scheid DC et al. Does family practice at residency teaching sites reflect community practice? *J Fam Pract* 37(6):555-563. December, 1993.

Conrad DA. Coordinating patient care services in the regional health systems: the challenge of clinical integration. *Hospital and Health Services Administration* 38(4). Winter 1993. 491-508.

Green LA, Miller RS, Reed FM, Iverson DC, Barley GE. How representative of typical practice are practice-based research networks? A report from the Ambulatory Sentinel Practice Network Inc (ASPN). *Arch Fam Med* 1993 Sep; 2(9): 939-49.

Javitt JC, Chiang YP. Preparing for managed competition: utilization of ambulatory care eye visits to ophthalmologists. *Arch Ophthalmol* Vol. 111, August 1993. 1034-1035.

Barondess JA. The future of generalism. Ann Intern Med 1993; 119: 153-160.

Stern RS, Nelson C. The diminishing role of the dermatologist in the office-based care of cutaneous diseases. *J Am Acad Dermatol* 1993; 29; 773-7.

Greer T, Schneeweiss R, Baldwin LM. A comparison of student clerkship experiences in community practices and residency-based clinics. *Fam Med* 1993 May. 25(5): 322-6.

Olfson M, Goldman, HH. Psychiatric outpatient practice: patterns and policies. *Am J Psychiatry* 149:11, November 1992, 1492-8.

American College of Obstetricians and Gynecologists, Department of Health Economics Analysis. Office Visits to U.S. Obstetrician-Gynecologists: 1975 and 1989. *Economic Impact* July, 1991.

Conry CM, Pace WD, Main DS. Practice style differences between family physicians and internists. *J Am Board Fam Pract* 1991 Nov-Dec; 4(6): 399-406.

Ellsburg KE et al. Content of the model teaching unit: ambulatory care training and continuity of care in six family practice residence programs. *J Fam Pract* 1987; 25:273-8.

Rosenblatt RA et al. The content of ambulatory medical care in the United States: an interspecialty comparison. *N Engl J Med* 309(15):892-7, Oct. 13, 1983.

Monson RA, Jameson JH. Similarities of a general medicine clinic in a teaching hospital to internal medicine practice. *Med Care* 21(8) 816-20, August 1983.

Fishbane M, Starfield B. Child health care in the United States: a comparison of pediatricians and general practitioners. *N Engl J Med* 305(10):552-6, Sep. 3, 1981.

Roos NP. Impact of the organization of practice on quality of care and physician productivity. *Med Care* April 1980. Vol. 18, No. 4: 347-359.

Noren J, Frazier T, Altman I, DeLozier J. Ambulatory medical care: a comparison of internists and family-general practitioners. *N Engl J Med* 302(1):11-6. Jan. 3, 1980.

Rocheleau B. Black physicians and ambulatory care. *Public Health Rep* May-June 1978, Vol. 93, No. 3: 278-282.

Anonymous. A Profile of Internists: the National Ambulatory Medical Care Survey. *Bulletin of the American College of Physicians* 17(11):16-7, Nov. 1976.

2c. PHYSICIAN SPECIALTY - BOOKS USING NAMCS DATA

King B, Chung, H. <u>Internal Medicine Data Book</u>. Internal Medicine Center for Advance Research and Education (IMCARE). Washington, D.C., 1992.

American Academy of Family Physicians. <u>Facts about: Family Practice</u>. 1992. (earlier years are available, too)

Rakel, Robert E., M.D. Principles of Family Practice. Philadelphia: W.B. Saunders. 1991.

3a. PATIENT CHARACTERISTICS - NCHS REPORTS

Freid VM, Makuc DM, Rooks RN. Ambulatory health care visits by children: principal diagnosis and place of visit. *Vital Health Stat* 13(137). 1998.

Visits by Adolescents, 1985 [ADR No. 196] Visits by Hispanics: 1980-81 [ADR No. 129]

Patients 75 Years Old and Over: 1980-81 [ADR No. 110] Health Care of Adolescents: 1980-81 [ADR No. 99]

Use of Health Services by Women 65 Years of Age and Over [Series 13, No. 59]

Office Visits by Women: 1977 [Series 13, No. 45]
Office Visits by Black Patients: 1975-76 [ADR No. 50]

Ambulatory Care Utilization Patterns of Children and Young Adults: 1975 [Series 13, No. 39]

3b. PATIENT CHARACTERISTICS - JOURNAL ARTICLES USING NAMCS DATA

Ziv A, Boulet JR, Slap GB. Utilization of physician offices by adolescents in the United States. *Pediatrics* 1999 Jul;104(1 Pt 1):35-42.

Ferris TG, Saglam D, Stafford RS, Causino N, Starfield B, Culpepper, L Blumenthal D. Changes in the daily practice of primary care for children. *Arch Pediatr Adolesc Med* 1998;152:227-233.

Thorndike AN, Rigotti NA, Stafford RS, Singer DE. National patterns in the treatment of smokers by physicians. *JAMA* 1998; 279:604-608.

Franks P, Clancy CM. Referrals of adult patients from primary care: demographic disparaties and their relationship to HMO insurance. *J Fam Pract* 1997 Jul;45(1):47-53.

Hurt WG. Postreproductive gynecology: Meeting the present and future needs of women. *Am J Obstet Gynecol* August 1996; 175(2):243-247.

Lawhorne LW, Wright H, Cragen D. Characteristics of non-cobalamin deficient patients who receive regular cyanocobalamin injections. *Fam Med* 1991 Sept-Oct; 23(7): 506-9.

Sloane PD. Changes in ambulatory care with patient age: is geriatric care qualitatively different? *Fam Med* 23(1) 40-3. January 1991.

Reuben DB, Robertson JB. The care of elderly patients by elderly physicians. *J Am Geriatr Soc* 35(7) 623-8. July 1987.

Yu ES, Cypress BK. Visits to physicians by Asian/Pacific Americans. Med Care 20(8):809-20. Aug. 1982

Verbrugge LM, Steiner RP. Physician treatment of men and women patients: sex bias or appropriate care? *Med Care* 19(6):6090-32, June 1981.

Verbrugge LM. Sex differences in complaints and diagnosis. J Behav Med 3(4):327-55. Dec. 1980.

3c. PATIENT CHARACTERISTICS - OTHER PUBLICATIONS USING NAMCS DATA

U.S. Congress, Office of Technology Assessment, *Hip Fracture Outcomes in People Age 50 and Over - Background Paper*, OTA-BP-H-120 (Washington, DC: U.S. Government Printing Office, July, 1994.

4a. REASON FOR VISIT, DIAGNOSIS - NCHS REPORTS

Already published:

Ambulatory Care Visits for Asthma: United States, 1993-94 [ADR No. 277] Office Visits for Glaucoma: United States, 1991-92 [ADR No. 262] Office Visits for Otitis Media: United States, 1975-90 [ADR No. 214]

Office Visits for Diabetes Mellitus: 1989 [ADR No. 211]

Use of Health Services for Disorders of the Female Reproductive System: 1977-78 [Series 13, No. 63]

Patient's Reasons for Visiting Physicians: 1977-78 [Series 13, No. 56] Headache as the Reason for Office Visits: 1977-78 [ADR No. 67] Cough as the Reason for Office Visits: 1977-78 [ADR No. 65]

Office Visits for Male Genitourinary Conditions: 1977-78 [ADR No. 63]

Office Visits for Diabetes Mellitus: 1977 [ADR No. 57]

Office Visits for Diseases of the Respiratory System: 1975-76 [Series 13, No. 42]

Office Visits for Family Planning: 1977 [ADR No. 49]

Office Visits for Diseases of the Circulatory System: 1975-76 [Series 13, No. 40]

Office Visits for Respiratory Conditions: 1975-76 [ADR No. 41]

Office Visits for Hypertension: 1975-76 [ADR No. 28]

4b. REASON FOR VISIT, DIAGNOSIS - JOURNAL ARTICLES USING NAMCS DATA

Hotard RS, Feldman SR, Fleischer AB Jr. Sex-specific differences in the treatment of severe psoriasis. J Am Acad Dermatol 2000 Apr;42(4):620-3

Nicholson W, Ellison SA. Patterns of ambulatory care use for gynecologic conditions in the United States. *Obstet Gynecol* 2000 Apr 1;95(4 Suppl 1):S27

Armstrong GL, Pinner RW. Outpatient visits for infectious diseases in the United States, 1980 through 1996. *Arch Intern Med.* 1999; 159:2531-2536.

Mead PS et al. Food-related illness and death in the United States. *Emerging Infectious Diseases* September-October 1999 5(5):607-625.

Rovi S, Johnson MS. Physician use of diagnostic codes for child and adult abuse. *Am Med Womens Assoc* 1999 Fall;54(4):211-4.

Walsh JK, Engelhardt CL. The direct economic costs of insomnia in the United States for 1995. *Sleep* 1999 May 1;22 Suppl 2:S386-93.

Collins MM, Stafford RS, O'Leary MP, Barry MJ. Distinguishing chronic prostatitis and benign prostatic hyperplasia symptoms: results of a national survey of physician visits. *Urology* 1999 May;53(5):921-5.

Halpern MT, Palmer CS, Seidlin M. Treatment patterns for otitis externa. *J Am Board Fam Pract* 1999 Jan-Feb;12(1):1-7

Feldman SR, Fleischer AB Jr, Williofrd PM, Jorizzo JL. Destructive procedures are the standard of care for treatment of actinic keratoses. *J Am Acad Dermatol* 1999 Jan;40(1):43-7.

Smith ES et al. Characteristics of office-based visits for skin cancer. Dermatologists have more experience than other physicians in managing malignant and premalignant skin conditions. *Dermatol Surg* 1998 Sep;24(9):1222-6.

Stern RS. Managed care and the treatment of skin disease, 1995. Continued growth and emerging dominance. *Arch Dermatol* 1998 Sep; 134(9): 1089-91.

Glied S. Too little time? The recognition and treatment of mental health problems in primary care. *Health Serv Res* 1998 Oct;33(4 Pt 1):891-910.

Walsh JK, Engelhardt CL. The direct economic costs of insomnia in the United States, 1995. *Sleep*. April 1998, Vol 21, Supplement, Abtracts of Original Investigations, 371.K3, p. 127.

Mannino DM, Homa DM, Pertowski CA et al. Surveillance for asthma - United States, 1960-1995. In: CDC Surveillance Summaries, April 24, 1998. *MMWR* 1998; 47 (No. SS-1):1-28.

Zarin DA, Tanielian TL, Suarez AP, Marcus SC. Treatment of attention-deficit hyperactivity disorder by different physician specialties. *Psychiatr Serv* February 1998; 49(2):171.

Collins MM, Stafford RS, O'Leary MP, Barry M. How common is prostatitis? A national survey of physician visits. *J Urol* 1998; 159:1224-1228.

Collins MM, Stafford RS, O'Leary MP. How common is prostatitis? A national survey of physician visits. *J Urol* Vol. 157, no. 4 (supplement), April 14, 1997, p. 243.

Gillum RF, Wilson JB. The burden of stroke and its sequelae. *Dis Manage Health Outcomes* 1997 Feb:1 (2):84-94.

Glied S. The treatment of women with mental health disorders under HMO and fee-for-service insurance. *Women Health* 1997; 26(2):1-16.

Stafford RS, Blumenthal D, Pasternak, R. Variations in cholesterol management practices of U.S. physicians. *J Am Coll Cardio* 1997; 29: 139-146.

Zoler ML. Antibiotics often given for nonbacterial prostatitis. Internal Medicine News November 15, 1996: 47.

Landry DJ, Forrest JD. Private physicians' provision of contraceptive services. *Fam Plann Perspect* 1996. Sept.-Oct; 28(5):203-9.

Stern RS. Acne therapy: medication use and sources of care in office-based practice. *Arch Dermatol* 1996 July; 132(7): 776-780.

Hart LG, Deyo RA, Cherkin DC. Physician office visits for low back pain: frequency, clinical evaluation, and treatment patterns from a U.S. national survey. *Spine* 1995;20:11-19.

Hahn DL, Beasley JW. Diagnosed and possible undiagnosed asthma: a Wisconsin Research Network (WReN study. Wisconsin Research Network (WReN) Asthma Prevalence Study Group. *J Fam Pract* 1994 April; 38(4) 373-9.

McCaig LF, Graitcer PL. Epidemiology of injury-related visits to office-based physicians in the United States, 1991. *Journal of Safety Research* Vol. 25, No. 2., pp 77-81. 1994.

Cowie CC, Haris MI, Eberhardt MS. Frequency and determinants of screening for diabetes in the United States. *Diabetes Care* 17: 1158-63. 1994.

Kunin CM. Urinary tract infections in females. Clin Infect Dis 1994; 18:1-12.

Sonnenberg A, Everhart JE. Socioeconomic determinants of digestive disease. Gastroenterol Int 1993. 6:100-14.

Radecki SE, Brunton SA. Management of insomnia in office-based practice. National prevalence and therapeutic patterns. *Arch Fam Med* 1993 Nov; 2(11): 1129-34.

Jackson LA, Perkins BA, Wenger JD. Cat scratch disease in the United States: an analysis of three national databases. *Am J Public Health* 1993; 83: 1707-1711.

MMWR (Morbidity and Mortality Weekly Report). Asthma--United States, 1980-1990. 1992 Oct 2; 41(39): 733-5.

Murata JE, Patrick-Mace J, Strehlow A, Shuler P. Disease patterns in homeless children: a comparison with national data. *J Pediatr Nurs* 1992 June, 7(3): 196-204.

Shields T, Sloane PD. A comparison of eye problems in primary care and ophthalmology practice. *Fam Med* 1991 Sep-Oct; 23(7): 544-6.

Adelman AM, Koch H. New visits for abdominal pain in the primary care setting. *Fam Med* 1991 Feb; 23(2): 122-6.

Everhart JE, Renault PI. Irritable bowel syndrome in office-based practice in the United States. *Gastroenterology* 100: 998-1005. 1991.

Sanders RS. Epidemiology of irritable bowel syndrome in the United States. *Gastroenterology* 99(2) 409-15. August 1990.

Persky V, Davis F, Barrett R, Ruby E, Sailer C, Levy P. Recent time trends in uterine cancer. *Am J Public Health* 1990 Aug; 80(8): 935-9.

Feinleib M et al. Trends in COPD morbidity and mortality in the United States. *American Review of Respiratory Diseases* 140(3 pt. 2) S9-18. September 1989.

Sloane PD. Dizziness in primary care: results from the National Ambulatory Medical Care Survey. *J Fam Pract* 29(1) 33-8. July 1989.

Sonnenberg A, Koch TR. Epidemiology of constipation in the United States. *Dis Colon Rectum* 32(1) 1-8. January 1989.

Baum HM. Transient ischemic attacks, Parkinson's disease and epilepsy: results from the 1980 National Ambulatory Medical Care Survey. *Public Health* 100(6):368-74, Nov. 1986.

Stern, RS, Gardocki GJ, Office-based care of dermatologic disease. J Am Acad Dermatol 14:286-293, 1986.

Jencks SF. Recognition of mental distress and diagnosis of mental disorder in primary care. *JAMA* 253(13):1903-7, April 5, 1985.

Schurman RA, Kramer PD, Mitchell JB. The hidden mental health network: treatment of mental illness by nonpsychiatrist physicians. *Arch Gen Psychiatry* 1985; 42:89-94.

Cypress, BK. Characteristics of physician visits for back symptoms: a national perspective. *Am J Public Health* 1983; 73:389-395.

Robertson DL. Symptoms encountered during a three-year family practice residency. *J Fam Pract* 13(2):239-44, Aug. 1981.

Cutler JA and Mendeloff AI. Upper gastrointestinal bleeding. Nature and magnitude of the problem in the U.S. *Digestive Diseases and Sciences* 26(7 Suppl):90S-96S, Jul. 1981.

Geyman JP, Gordon MJ. Orthopedic problems in family practice: incidence, distribution, and curricular implications. *J Fam Pract* 8(4):759-65, Apr. 1979.

Stern RS, Johnson ML, DeLozier J. Utilization of physician services for dermatologic camplaints: The United States, 1974. *Arch Dermatol* 113(8):1062-6. Aug. 1977.

4c. REASON FOR VISIT, DIAGNOSIS - OTHER PUBLICATIONS USING NAMCS DATA

Harris MI, Cowie CC, Reiber G, Boyker E., Stern M., Bennett P., editors. *Diabetes in America*, 2nd edition. Washington, D.C.: U.S. Government Printing Office. 1995.

Everhard JE, editor. *Digestive diseases in the United States: epidemiology and impact*. US Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases. Washington, DC: US Government Printing Office, 1994; NIH publication no. 94-1447. See pp. ix-xii, 1-53, 55-82, 469-507, 647-690, 691-712, 713-752.

Sonneberg A, Everhart JE, Brown DM. The economic cost of constipation. In Kamm MA, Lennard-Jones JE, eds: *Constipation*. Petersfield, Hampshire, UK: Wrightson Biomedical Publishing; 1994. pp. 19-29.

Harris M. The public health impact of diabetes. In *Advances in Diabetes Epidemiology*, E. Eschwege, editor. Elsevier, New York, 1982.

Harris M, Hamman R. (editors). *Diabetes in America*. NIH Pub. No. 85-1468, Washingotn D.C.: U.S. Government Printing Office, 1985.

5a. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - NCHS REPORTS

Physiotherapy Visits: 1980-81 [ADR No. 120] Office Visits Involving X-Rays: 1977 [ADR No. 53]

5b. DIAGNOSTIC, SCREENING, and PREVENTIVE SERVICES, NONMEDICATION THERAPY - JOURNAL ARTICLES USING NAMCS DATA

McNaughton Collins M, Stafford RS, Barry MJ. Age-specific patterns of prostate-specific antigen testing among primary care physician visits. *J Fam Pract* 2000 Feb;49(2):169-72

Meigs JB, Stafford RS. Cardiovascular Disease Prevention Practices by U.S. Physicians for Patients with Diabetes. *J Gen Intern Med* 2000 Apr;15(4):220-228.

Cohen MC, Stafford RS, Misra B. Stress testing: national patterns and predictors of test ordering. *Am Heart J* 1999 Dec;138(6 Pt 1):1019-24

Thorndike AN, Ferris TG, Stafford RS, Rigotti NA. Rates of U.S. Physicians Counseling Adolescents About Smoking. *J Natl Cancer Inst* 1999 Nov 3;91(21):1857-1862.

Stafford RS, Blumenthal D, Pasternak RC. Cholesterol management practices in the United States. *Cardiology Review*. March 1998;15(3):29-36.

Giles W. Missed opportunities in preventive counseling for cardiovascular disease: United States, 1995. *MMWR* February 13, 1998;47(5).

Fleischer AB Jr., Feldman ST, White RE, Leshin B, Byington R. Procedures for skin diseases performed by physicians in 1993 and 1994: analysis of data from the National Ambulatory Medical Care Survey. *J Am Acad Dermatol* 1997 Nov;37(5 Pt 1):719-724.

Jaen CR, Stange KC, Tumiel LM, Nutting P. Missed opportunities for prevention: smoking cessation counseling and the competing demands of practice. *J Fam Pract* 1997 Oct;45(4):348-354.

Salive ME, Guralnik JM, Brock D. Preventive services for breast and cervical cancer in U.S. office-based practices. *Prev Med* 1996. Sept-Oct; 25(5): 561-568.

Harris MI. Frequency of oral glucose tolerance testing in the U.S. Diabetes Care January 1995.

Harris MI, Modan M. Screening for NIDDM: why is there no national program? *Diabetes Care* 17:585-591, 1994.

Harris MI, Cowie CC, Eastman RC. Health insurance coverage for adults with diabetes in the U.S. population. *Diabetes Care* 17:585-91. 1994.

Harris MI, Eastman RC, Siebert C. The DCCT and medical care for diabetes in the U.S. *Diabetes Care* 17:761-64. 1994.

Harris MI, Cowie CC, Howie LJ. Self monitoring of blood glucose by adults with diabetes in the U.S. population. *Diabetes Care* 16:1116-23. 1993.

Harris MI. Testing for blood glucose by office-based physicians in the U.S. *Diabetes Care* Vol. 13, No. 4, April 1990.

Harris MI. Screening for undiagnosed diabetes in developed and developing nations. *Bulletin of the International Diabetes Federation* 1990.

Cypress, BK. The role of ambulatory medical care in hypertension screening. Am J Public Health 69:19-24, 1979.

6a. MEDICATION THERAPY - NCHS REPORTS

Already published:

Medication Therapy in Ambulatory Medical Care: National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey, 1992 [ADR No. 290]
Drug Utilization in Office Practice, 1990 [ADR No. 232]
Utilization of Controlled Drugs in Ambulatory Care, 1985 [ADR No. 177]

Highlights of Drug Utilization in Office Practice: 1985 [ADR No. 134]

The Management of Chronic Pain: 1980-81 [ADR No. 123]

Use of Antimicrobial Drugs in Office Practice: 1980-81 [Series 13, No. 85]

Use of Topical Antimicrobial Drugs: 1980-81 [ADR No. 106]

The Management of New Pain in Office-based Ambulatory Care: 1980-81 [ADR No. 97]

The Utilization of Analgesic Drugs in Office-based Practice: 1980-81 [ADR No. 96]

Utilization of Psychotropic Drugs in Office-based Care: 1980-81 [ADR No. 90]

Drugs Most Frequently Used in Office Practice: 1981 [ADR, No. 89]

Drug Utilization in General and Family Practice by Characteristics of Physicians and Office Visits: 1980 [ADR,

No. 87]

Medication Therapy in Office Visits for Selected Diagnoses: 1980 [Series 13, No. 71]

Drug Utilization in Office Visits to Primary Care Physicians: 1980 [ADR No. 86]

Drug Utilization in Office Practice by Age and Sex of the Patient: 1980 [ADR No. 81]

Medication Therapy in Visits for Hypertension: 1980 [ADR No. 80]

Drugs Most Frequently Used in Office-based Practice: 1980 [ADR No. 78]

Drug Utilization in Office-based Practice, A Summary of Findings: 1980 [Series 13, No. 65]

6b. MEDICATION THERAPY - JOURNAL ARTICLES USING NAMCS DRUG DATA

Lipsky MS, Waters T, Sharp LK. Impact of vaginal antifungal products on utilization of health care services: evidence from physician visits. *J Am Board Fam Pract* 2000 May-Jun;13(3):178-82

Stafford RS. Aspirin use is low among United States outpatients with coronary artery disease. *Circulation* 2000 Mar 14;101(10):1097-101

Feldman SR, Fleischer AB, Cooper JZ. New topical treatments change the pattern of treatment of psoriasis: dermatologists remain the primary providers of this care. *Int J Dermatol* 2000 Jan;39(1):41-4.

Fleischer AB Jr, Feldman SR. Prescription of high-potency corticosteroid agents and clotrimazole-betamethasone dipropionate by pediatricians. *Clin Ther* 1999 Oct;21(10):1725-31

Copeland C. Prescription drug utilization and physician visits. Employee Benefit Research Institute. *EBRI Notes*. Vol. 20, No. 9. October 1999.

Feldman SR, Fleischer AB Jr, Chen GJ. Is prior authorization of topical tretinoin for acne cost effective? *Am J Manag Care* 1999 Apr;5(4):457-63.

Sclar DA, Robison LM, Skaer TL, Galin RS. Ethnicity and the prescribing of antidepressant pharmacotherapy: 1992-1995. *Harv Rev Psychiatry* 1999 May-Jun;7(1):29-36.

Robison LM, Sclar DA, Skaer TL, Galin RS. National trends in the prevalence of attention-deficit/hyperactivity disorder and the prescribing of methylphenidate among school-age children: 1990-1995. *Clin Pediatr* 1999 Apr;38(4):209-17.

Pradel FG, Hartzema AG, Mutran EJ, Hanson-Divers C. Physician over-the-counter drug prescribing patterns: an analysis of the national ambulatory medical care survey. *Ann Pharmacother* 1999 Apr;33(4):400-5.

Aparasu RR. Visits to office-based physicians in the United States for medication-related morbidity. *J Am Pharm Assoc* 1999 May-Jun;39(3):332-7.

Ward MM. Trends in the use of disease modifying antirheumatic medications in rheumatoid arthritis, 1980-1995: results from the National Ambulatory Medical Care Surveys. *J Rheumatol* 1999 Mar; 26(3): 546-550.

Stafford RS, Robson DC, Misra B, Ruskin J, Singer DE. Rate control and sinus rhythm maintenance in atrial fibrillation: national trends in medication use, 1980-1996. *Arch Intern Med* 1998 Oct 26; 158(19):2144-8.

Wang TJ, Stafford RS. National patterns and predictors of beta-blocker use in patients with coronary artery disease. *Arch Intern Med* 1998 Sep 28; 158(17):1901-6.

Stafford RS, Saglam D, Causino N, Blumenthal D. The declining impact of race and insurance status on hormone replacement therapy. *Menopause* Vol. 5, No. 3, pp. 140-144.

Rathore SS, Mehta SS, Boyko WL Jr, Schulman KA. Prescription medication use in older Americans: a national report card on prescribing. *Fam Med* 1998 Nov-Dec;30(10):733-9.

Metlay JP, Stafford RD, Singer DE. National trends in the use of antibiotics by primary care physicians for adults patients with cough. *Arch Intern Med.* 1998;158:1813-1818.

Sclar DA, Robison LM, Skaer TL, Galin RS. What factors influence the prescribing of antidepressant pharmacotherapy? An assessment of national office-based encounters. *Int J Psychiatry Med* 1998;28(4):407-19.

Sclar DA et al. Trends in the prescribing of antidepressant pharmacotherapy:office-based visits. 1990-1995. *Clin Ther* 1998 Jul-Aug;20(4):871-84;870.

Zito JM, Safer DJ, Riddle MA, Johnson RE, Speedie SM, Fox M. Prevalence variations in psychotropic treatment of children. *J Child Adolesc Psychopharmacol* 1998;8(2):99-105.

Aparasu RR, Mort JR, Sitzman S. Psychotropic prescribing for the elderly in office-based practice. *Clin Ther* 1998 May-Jun;20(3):603-16.

Olfson M, Marcus SC, Pincus HA, Zito JM, Thompson JW, Zarin DA. Antidepressant prescribing practices of outpatient psychiatrists. *Arch Gen Psychiatry* 1998 Apr;55(4):310-316.

Stafford RS, Singer DE. Recent national patterns of warfarin use in atrial fibrillation. *Circulation*. 1998;97:1231-1233.

McConnell RC, Fleischer AB, Williford PM, Feldman SR. Most topical tretinoin treatment is for acne vulgaris through age 44 years: An analysis of the National Ambulatory Medical Care Survey, 1990-1994. *J Am Acad Dermatol* 1998;38:221-6.

Nyquist A-C, Gonzales R, Steiner JF, Sande MA. Antibiotic prescribing for children with colds, upper respiratory tract infections, and bronchitis. *JAMA* 1998;279:875-877.

Schwartz BS, Mainous AG, Marcy AM. Why do physicians prescribe antibiotics for children with upper respiratory tract infections? *JAMA* 1998; 279:881-882. [editorial accompanying Nyquist et al. and containing substantial references to NAMCS data.]

Pincus H et al. Prescribing Trends in Psychotropic Medications. JAMA 1998. 279(7):526-531.

Simoni-Wastila L. Gender and psychotropic drug use. Med Care 1998; 36:88-94.

Stafford RS, Saglam Demet, Causino N, Blumenthal D. Low rates of hormone replacement in visits to United States primary care physicians. *Am J Obstet Gynecol* 1997; 177:381-7.

Gonzales R, Steiner JF, Sande MA. Antibiotic prescribing for adults with colds, upper respiratory tract infections, and bronchitis by ambulatory care physicians. *JAMA* 1997; 278:901-904.

Aparasu RR, Fliginger SE. Inappropriate medication prescribing for the elderly by office-based physicians. *Ann Pharmacother* 1997 Jul;31(7-8):823-829.

Nichol MB, Margolies JE, Gill MA. Factors associated with antihypertensive prescribing. *Ann Pharmacother* 1997. Feb; 31(2):154-9.

Stafford RS, Singer DE. National patterns of warfarin use in atrial fibrillation. *Arch Intern Med* 1996;156:2537-2541.

Stern RS. The pattern of topical corticosteroid prescribing in the United States, 1989-1991. *J Am Acad Dermatol* 1996 Aug; 35(2 Pt 1): 183-6.

Nichol MB, Stimmel GL, Lange SC. Factors predicting the use of multiple psychotropic medications. *J Clin Psychiatry* 1995 Feb; 56(2): 60-6.

McCaig LF, Hughes JM. Trends in antimicrobial drug prescribing among office-based physicians in the United States. *JAMA* 1995;273:214-219.

Stern, RS. Drug promotion for an unlabeled indication - the case of topical tretinoin. *N Engl J Med* Nov. 17, 1994: 1348-1349.

Carlsen MA. Prescription drug benefits: Rx for cost management. *Benefits Quarterly* Third Quarter, 1993. 81-84.

Olfson M, Klerman GL. Trends in the prescription of psychotropic medications: the role of physician specialty. *Med Care* 31(6): 559-564, June 1993.

Olfson M, Klerman, GL. Trends in the prescription of antidepressants by office-based psychiatrists. *Am J Psychiatry* 150(94): 571-7. April 1993.

DK Wysowski, DL Kennedy, C Nelson, TP Gross. Drugs in patients 65 years and older in the United States, 1978-1990. *Cardiovascular Risk Factors* 1992, Vol. 2. pp. 202-207

Olfson M, Klerman GL. The treatment of depression: prescribing practices of primary care physicians and psychiatrists. *J Fam Pract* 35(6): 627-35, December 1992.

Broadhead WE et al. Tricyclic antidepressant prescribing for nonpsychiatric disorders. *J Fam Pract* 33(1) 24-32, July 1991.

Lawhorne LW. Lincomycin injection for upper respiratory tract infection: a compilation of findings in a rural clinic with analysis of a national data base. *Fam Med* 23(2): 112-6. February 1991.

Hohmann AA et al. Psychotropic medication prescription in U.S. ambulatory care. *DICP Ann Pharmacother* 1991;25;85-89.

Larson DB, Lyons JS, Hohmann AA, et al. Psychotropics prescribed to the US elderly in the early and mid 1980s: prescribing patterns of primary care practitioners, psychiatrists, and other physicians. *Int J Geriatr Psychiatry* 1991; 6(2):63-70.

Hohmann AA. Gender bias in psychotropic drug prescribing in primary care. Med Care 1989; 27;478-490.

Kelleher KJ, Hohmann AA, Larson DB. Prescription of psychotropics to children in office-based practice. *Am J Dis Child* 143(7) 855-9. July 1989.

Beardsley RS et al. Prescribing of psychotropic medication by primary care physicians and psychiatrists. *Arch Gen Psychiatry* 1988;45:1117-1119.

Verbrugge LM, Steiner RP. Prescribing drugs to men and women. Health Psychology 4(1):79-98, 1985.

Knapp DA et al. Drug prescribing for ambulatory patients 85 years of age and older. *J Am Geriatr Soc* 32(2):138-43, 1984.

7a. OTHER CHARACTERISTICS OF OFFICE VISITS - NCHS REPORTS

Characteristics of prepaid plan visits to office-based physicians: 1991 [ADR No. 269]

7b. OTHER CHARACTERISTICS OF OFFICE VISITS - JOURNAL ARTICLES USING NAMCS DATA

Blumenthal D, Causino N, Chang YC, Culpepper L, Marder W, Saglam D, Stafford R, Starfield B. The duration of ambulatory visits to physicians. *J Fam Pract* 1999 Apr;48(4):264-71.

Niederman MS, McCombs JS, Unger AN, Kumar A, Popovian R. Treatment cost of acute exacerbations of chronic bronchitis. *Clin Ther* 1999 Mar;21(3):576-91.

Hodgson TA, Cohen AJ. Medical care expenditures for selected circulatory diseases: opportunities for reducing national health expenditures. *Med Care* 1999; 37:994-1012.

Forrest CB, Reid RJ. Passing the baton: HMOs' influence on referrals to specialty care. *Health Affairs* 1997; 16:157-162.

8a. METHODOLOGY - NCHS REPORTS

Sample Design, Sampling Variance, and Estimation Procedures [Series 2, No. 108] The Collection and Processing of Drug Information: 1980 [Series 2, No. 90] A Reason for Visit Classification for Ambulatory Care, 1977 [Series 2, No. 78] Symptom Classification [Series 2, No. 63] Background and Methodology [Series 2, No. 61]

8b. METHODOLOGY - JOURNAL ARTICLES USING NAMCS DATA

Baker DW, Shapiro MF, Schur CL, Freeman H. A revised measure of symptom-specific health care use. *Soc Sci Med* 1998 Nov; 47(10):1601-9. [Uses the NAMCS Reason for Visit Classification system] Greenhouse DL, Probst JC. After-hours telephone calls in a family practice residency: volume, seriousness, and patient satisfaction. *Fam Med* 1995; 27:525-30. [Uses the NAMCS Reason for Visit Classification system.]

Ferguson JA, Corey PM. Adjusting for clustering in survey research. DICP 24(3) 310-3. March 1990.

Schneeweiss R et al. Diagnosis clusters. A new tool for analyzing the content of ambulatory medical care. *Med Care* 21(1): 105-22. Jan. 1983.

Lion J, Altman S. Case-mix differences between hospital outpatient departments and private practice. *Health Care Financing Review* Volume 4, Number 1, September 1982.

DeLozier JE. The design and methods of the National Ambulatory Medical Care Survey. *Medical Group Management* January/February 1974. Vol 12. No. 2: 5-7.

8c. METHODOLOGY - OTHER PUBLICATIONS USING NAMCS DATA

Fetter, RB. Ambulatory Patient Related Groups. New Haven: Yale University, 1980.

NATIONAL HOSPITAL AMBULATORY MEDICAL CARE SURVEY

1. NHAMCS SUMMARY REPORTS

In progress:

National Hospital Ambulatory Medical Care Survey: 1998 Outpatient Department Summary [ADR No. 317] Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1998 [Series 13, No. ???]

Already published:

National Hospital Ambulatory Medical Care Survey: 1998 Emergency Department Summary [ADR No. 313] Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1997 [Series 13, No. 143]

National Hospital Ambulatory Medical Care Survey: 1997 Outpatient Department Summary [ADR No. 307] National Hospital Ambulatory Medical Care Survey: 1997 Emergency Department Summary [ADR No. 304] Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1996 [Series 13, No. 134]

National Hospital Ambulatory Medical Care Survey: 1996 Outpatient Department Summary [ADR No. 294] National Hospital Ambulatory Medical Care Survey: 1996 Emergency Department Summary [ADR No.293] Ambulatory Care Visits to Physician Offices, Hospital Outpatient Departments, and Emergency Departments: United States, 1995 [Series 13, No. 129]

National Hospital Ambulatory Medical Care Survey: 1995 Outpatient Department Summary. [ADR No. 284]
National Hospital Ambulatory Medical Care Survey: 1995 Emergency Department Summary [ADR No. 285]
National Hospital Ambulatory Medical Care Survey, 1992 Emergency Department Summary [Series 13, No.125]
National Hospital Ambulatory Medical Care Survey: 1994 Outpatient Department Summary. [ADR No. 276]
National Hospital Ambulatory Medical Care Survey: 1994 Emergency Department Summary [ADR No. 275]
National Hospital Ambulatory Medical Care Survey: 1993 Emergency Department Summary [ADR No. 271]
National Hospital Ambulatory Medical Care Survey: 1993 Outpatient Department Summary. [ADR No. 268]

National Hospital Ambulatory Medical Care Survey: 1992 Outpatient Department Summary. [ADR No. 248] National Hospital Ambulatory Medical Care Survey: 1992 Emergency Department Summary. [ADR No. 245]

2. VISIT CHARACTERISTICS - NCHS REPORTS

Already published:

Injury Visits to Hospital Emergency Departments: United States, 1992-1995 [Series 13, No. 131] Medication Therapy in Ambulatory Medical Care: National Ambulatory Medical Care Survey and National Hospital Ambulatory Medical Care Survey, 1992 [ADR No. 290] Injury-related Visits to Hospital Emergency Departments: United States, 1992 [ADR No. 261]

Drug- and Alcohol-Related Visits to Hospital Emergency Departments, 1992 [ADR No. 251]

3. METHODOLOGY - NCHS REPORTS

Already published:

Plan and Operation of the National Hospital Ambulatory Medical Care Survey [Series 1, No. 34]

4. OTHER NCHS REPORTS USING NHAMCS DATA

Freid VM, Makuc DM, Rooks RN. Ambulatory health care visits by children: principal diagnosis and place of visit. *Vital Health Stat* 13(137). 1998.

Wagener DK, Walstedt J, Jenkins L, Burnett C et al. Women: Work and Health. Vital Health Stat 3(31). 1997.

5. JOURNAL ARTICLES USING NHAMCS DATA

Guerrero JL, Thurman DJ, Sniezek JE. Emergency department visits associated with traumatic brain injury: United States, 1995-1996. *Brain Inj* 2000 Feb;14(2):181-6

Jager TE, Weiss HB, Coben JH, Pepe PE. Traumatic brain injuries evaluated in U.S. emergency departments, 1992-1994. *Acad Emerg Med* 2000 Feb;7(2):134-40

Nicholson W, Ellison SA. Patterns of ambulatory care use for gynecologic conditions in the United States. *Obstet Gynecol* 2000 Apr 1;95(4 Suppl 1):S27

Liu T, Sayre MR, Carleton SC. Emergency medical care: types, trends, and factors related to nonurgent visits. *Acad Emerg Med* 1999 Nov;6(11):1147-52

McCaig LF, Burt CW. Poisoning-related visits to emergency departments in the United States, 1993-96. *Journal of Toxicology-Clinical Toxicology* 1999. 37(7):817-826.

Mead PS et al. Food-related illness and death in the United States. *Emerging Infectious Diseases* September-October 1999 5(5):607-625.

Burt CW. Summary statistics for acute cardiac ischemia and chest pain visits to United States EDs, 1995-1996. *Am J Emerg Med* 1999 Oct;17(6):552-9.

Rovi S, Johnson MS. Physician use of diagnostic codes for child and adult abuse. *Am Med Womens Assoc* 1999 Fall;54(4):211-4.

Fong C. The influence of insurance status on nonurgent pediatric visits to the emergency department. *Acad Emerg Med* 1999 Jul;6(7):744-8.

O'Brien C, Milzman D. NHAMCS: quality of a national emergency department-based information system questioned. National Hospital Ambulatory Medical Care Survey. *Acad Emerg Med* 1999 Jun;6(6):666-8.

Marsh JV, Brett KM, Miller LC. Racial differences in hormone replacement therapy prescriptions. *Obstet Gynecol.* 1999 Jun; 93(6): 999-1003.

Aparasu RR, Sitzman SJ. Inappropriate prescribing for elderly outpatients. *Am J Health Syst Pharm* 1999 Mar 1; 56(5): 433-9.

Parhsall, MB. Adult emergency visits for chronic cardiorespiratory disease: does dyspnea matter? *Nurs Res* 1999 Mar-Apr;48(2):62-70.

Anderson DM, Hampton MB. Physician assistants and nurse practitioners: rural-urban settings and reimbursement for services. *J Rural Health* 1999 Spring;15(2):252-63.

Halpern MT, Palmer CS, Seidlin M. Treatment patterns for otitis externa. *J Am Board Fam Pract* 1999 Jan-Feb;12(1):1-7

Mathers LJ, Weiss HB. Incidence and characteristics of fall-related emergency department visits. *Acad Emerg Med* 1998 Nov;5(11):1064-70.

Mills AC, McSweeney M, Lavin MA. Characteristics of patient visits to nurse practitioners and physician assistants in hospital outpatient departments. *J Prof Nurs* 1998 Nov-Dec;14(6):335-43.

McCaig LF, Burt CW, Stussman BJ. A comparison of work-related injury visits and other injury visits to emergency departments in the United States, 1995-1996. *J Occup Environ Med.* 1998 Oct;40(10):870-5.

Nash EA et al. Patterns of emergency department visits for disorders of the eye and ocular adnexa. *Arch Ophthalmol* 1998 Sep;116(9):1222-6.

Li G, Keyl PM, Rothman R, Chanmugam A, Kelen GD. Epidemiology of alcohol-related emergency department visits. *Acad Emerg Med* 1998 Aug;5(8):788-795.

Curtis KM, Hillis SD, Kieke BA Jr, Brett KM, Marchbanks PA, Peterson HB. Visits to emergency departments for gynecologic disorders in the United States, 1992-1994. *Obstet Gynecol* 1998 Jun;91(6):1007-1012.

Ziv A, Boulet JR, Slap GB. Emergency department utilization by adolescents in the United States. *Pediatrics* 1998 Jun;101(6):987-994

McCaig LF, Hooker RS, Sekscenski ES, Woodwell DA. Physician assistants and nurse practitioners in hospital outpatient departments, 1993-1994. *Public Health Rep* 1998;113:75-82.

McCaig LF. Use of PAs and NPs in US hospital emergency departments, 1993-1994. *Journal of the American Academy of Physician Assistants* 1998;11:38-48.

Weiss HB, Friedman DI, Coben J. Incidence of dog bite injuries treated in emergency departments. *JAMA* 1998; 279:51-53.

Miller TR, Cohen MA. Costs of gunshot and cut/stab wounds in the United States, with some Canadian comparisons. *Accid Anal Prev* 1997 May;29(3):329-341.

Wofford JL, et al. Emergency department utilization by the elderly: an analysis of the National Hospital Ambulatory Medical Care Survey. *Acad Emerg Med* 1996. July; 3(7): 694-9.

Hooker RS, McCaig L. Emergency Department Uses of Physician Assistants and Nurse Practitioners: A National Survey. *Am J Emerg Med* 1996; 14:245-249.

Schappert SM. Race Differences in the Utilization of Hospital Emergency Departments: Data from the National Hospital Ambulatory Medical Care Survey (NHAMCS), 1992. *Statistical Bulletin* Vol. 76, No. 3, Jul-Sep 1995, pp. 2-11.

Schappert SM. The Urgency of Visits to Hospital Emergency Departments: Data from the National Hospital Ambulatory Medical Care Survey (NHAMCS), 1992. *Statistical Bulletin* Vol. 76, No. 4, Oct-Dec 1995, pp. 10-20.

6. OTHER PUBLICATIONS USING NHAMCS DATA

Weiss, HB, Mathers LJ, Furjuoh SN, Kinnane JM. *Child and Adolescent Emergency Department Visit Databook*. Pittsburgh, Pennsylvania: Center for Violence and Injury Control, Allegheny University of the Health Sciences. 1997.